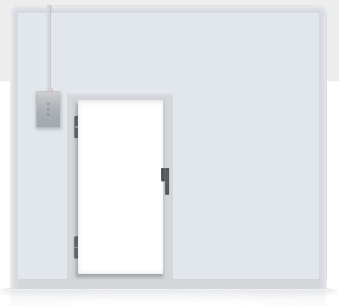
XLR100

SOLUTIONS for REFRIGERATED ROOMS



The XLR100 COOLMATE series is the range of Dixell controllers dedicated to the control of single-phase static and ventilated cold rooms. This product family features a large display with LED and icons that show real-time status, providing an intuitive and complete user interface. The high degree of protection (IP65) allows installation even in particularly humid environments.

- Cooling/heating management
- Maximum and minimum temperature recording
- Clear alarm signals
- Fast and easy wiring
- Food quality
- Direct access to the main functions
- Quick and easy programming
- Serial connection to monitoring systems

MOUNTING

The mounting versatility (wall or panel), makes the XLR100 product family the ideal solution for every kind of cold room.

Wall mounting

Panel mounting

230x210mm

WALL MOUNTING

PANEL MOUNTING

COOL MATE

XLR100 COOL MATE SERIES: NT and LT APPLICATIONS

- Advanced multifunction refrigeration controllers suitable for both heating and cooling applications
- Temperature control can be performed on probe 1, probe 2 or by the difference between probe 1 and 2
- Complete compressor and defrost management
- Maximum and minimum temperature recording
- Direct line power supply 230 (110)Vac. No external transformer required
- Instant visibility of machine status via display icons
- Clear alarm signals thanks to the front lid
- Fast and easy wiring
- Designed to be wall or panel mounted
- Hot Key or Prog Tool Kit connector for quick and easy programming
- Serial connection to monitoring systems
- 10VA max power absorption
- Display with red LED (30.5mm high) and 11 icons

HOW to ORDER

XLR100 | X | L | R | 1 | | 0 | - | A | B | C | D | E |

-17.8 For blue display please contact Dixell

A	B	C	D	E
Power supply	**Inputs/kind of output**	**RTC**	**Measurement unit**	**RS485 output**
2 = 24Vac	**N** = NTC/standard	**1** = No	**C** = °C	**2** = No
4 = 110Vac	**P** = PTC/standard	**3** = Yes	**F** = °F	**3** = Yes
5 = 230Vac	**O** = NTC/direct loads			
	Q = PTC/direct loads			

XLR100

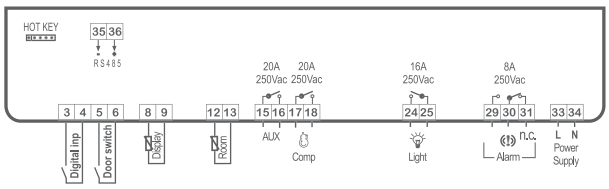
XLR130 | "off cycle" defrost digital controller for NT

XLR170 | Digital controller for NT and LT ventilated applications

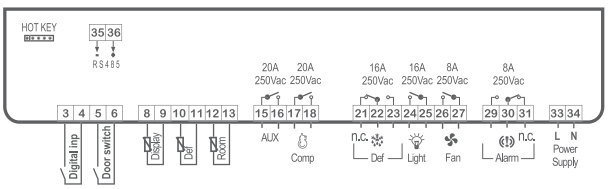
230x210mm

FEATURES	XLR130	XLR170
Display: n° digits	± 3 d.p.	± 3 d.p.
Keyboard: push buttons	8	8
Power supply	24, 110, 230Vac	24, 110, 230Vac
Probe inputs		
Thermostat	NTC, PTC	NTC, PTC
Defrost		NTC, PTC
Display	NTC, PTC	NTC, PTC
Digital inputs		
Alarm, block alarm, pressure switch, start defrost, energy saving, ON/OFF, AUX, holiday	config	config
Door switch	pres	pres
Relay outputs		
Compressor	20A	20A
Defrost		16A
Fans		8A
Light	16A	16A
AUX	20A	20A
Alarm	8A	8A
Other		
Hot Key/Prog Tool Kit output	pres	pres
Serial output	RS485 opt	RS485 opt
Buzzer	pres	pres
Real time clock	opt	opt

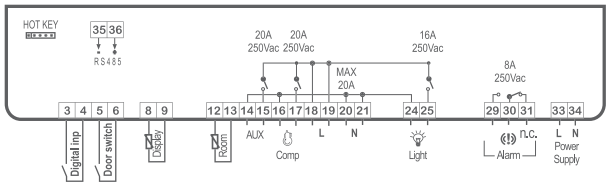
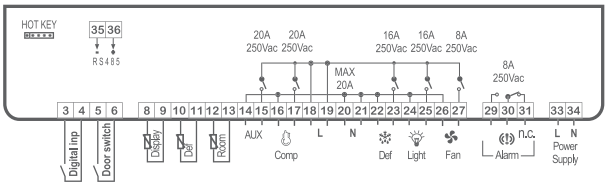
XLR130



XLR170



XLR130 direct loads



XLR170 direct loads